

FIG. 1

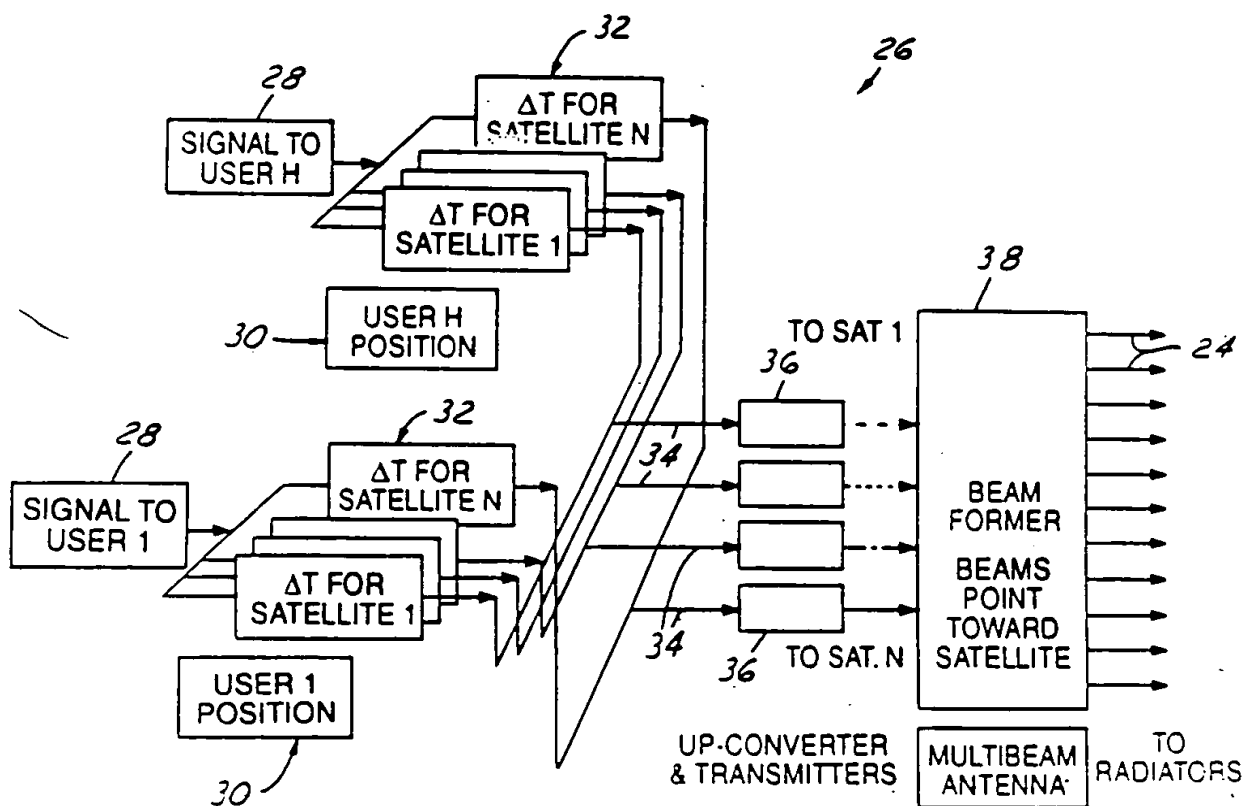


FIG. 2

The diagram illustrates a communication system where multiple users (18) transmit signals to multiple receive processing centers (12). The signals from the users are represented by a fan of lines (40) that converge at the processing centers. The system is designed to handle multiple users simultaneously, as indicated by the multiple processing centers and the complex signal paths (10, 14, 16, 42) shown between them.

FIG. 3

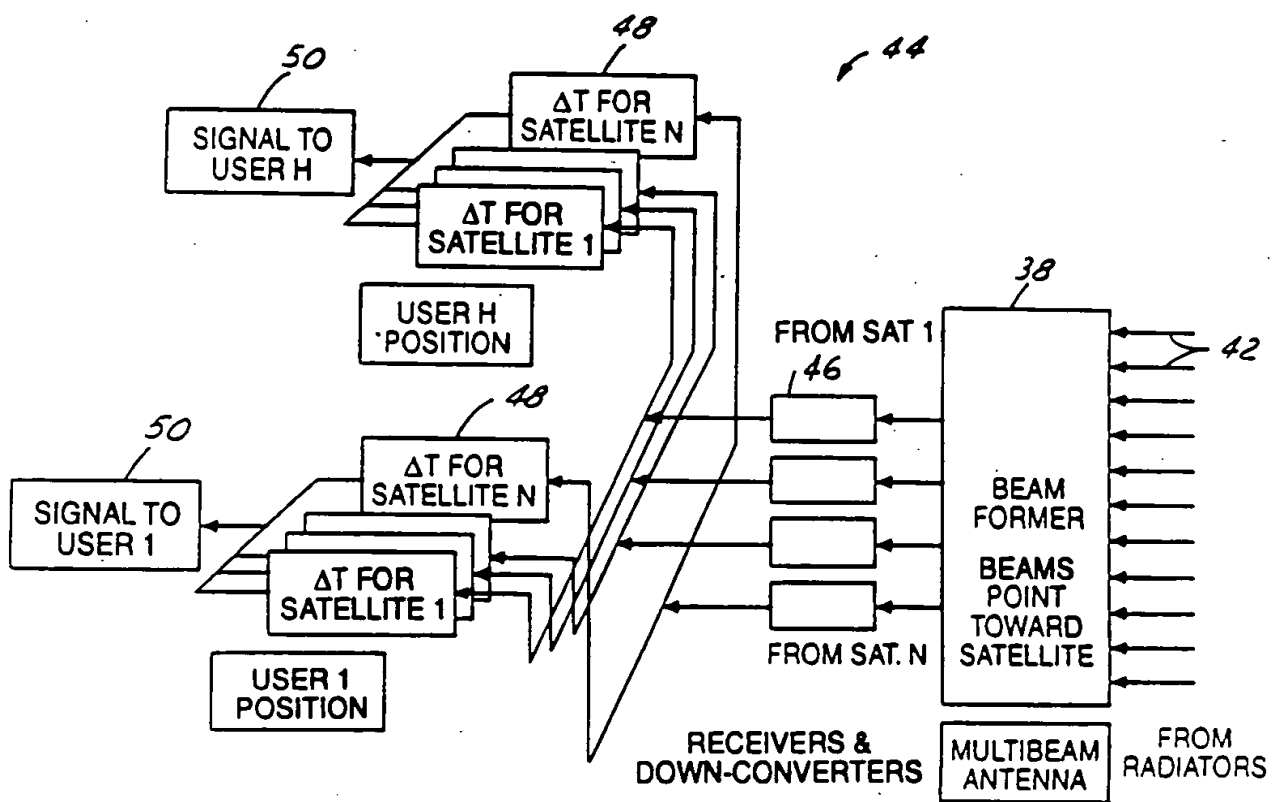
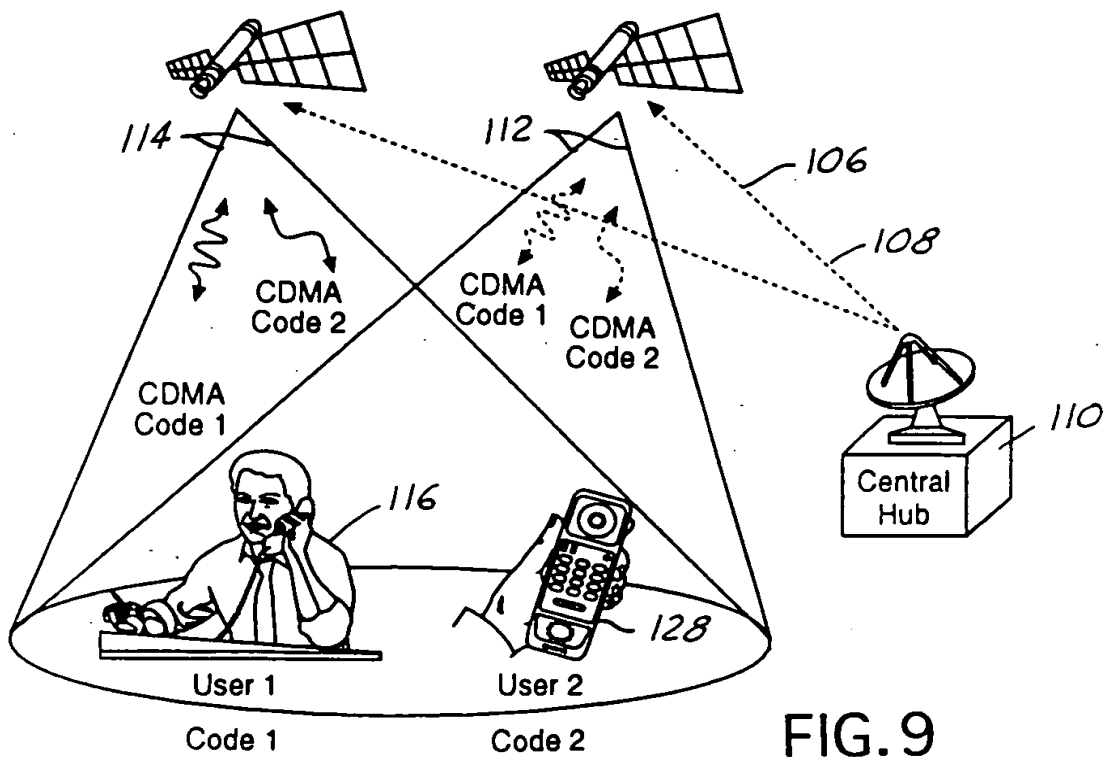
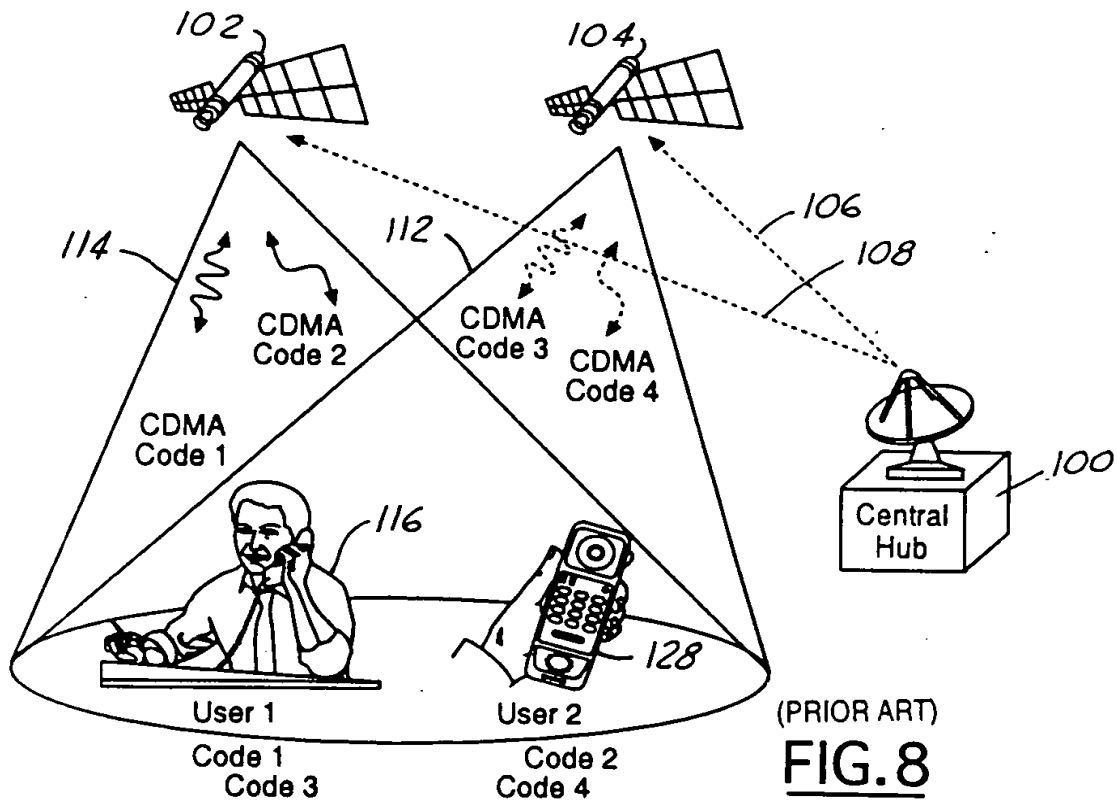
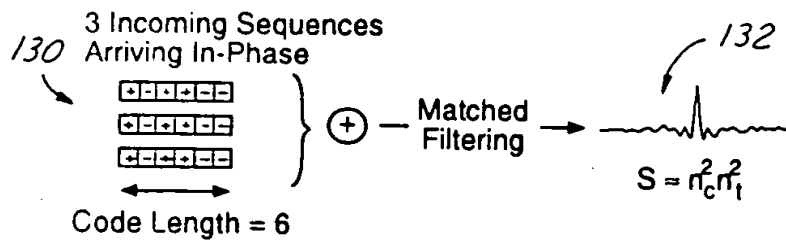


FIG. 4

FIG. 5





S = Signal Power

N_I = Interference Noise Power

n_c = CDMA Code Length

n_t = No. of Trasponders Available

n_u = Number of Total Users

W = Bandwidth

R = Data Rate

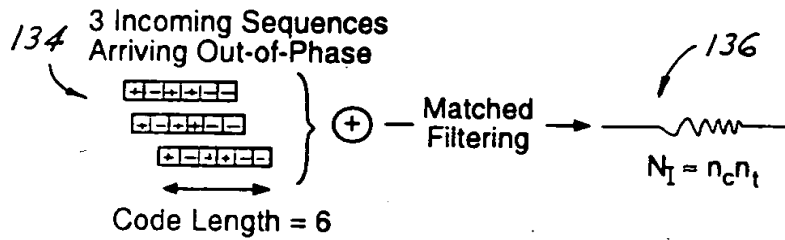


FIG. 10

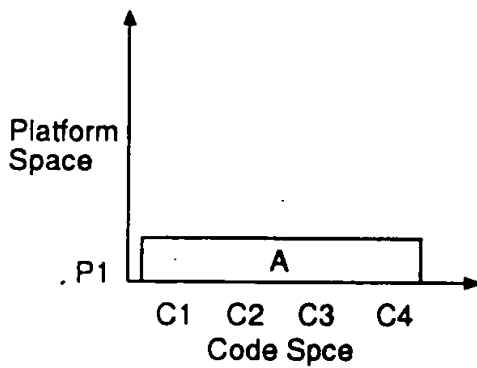


FIG. 11

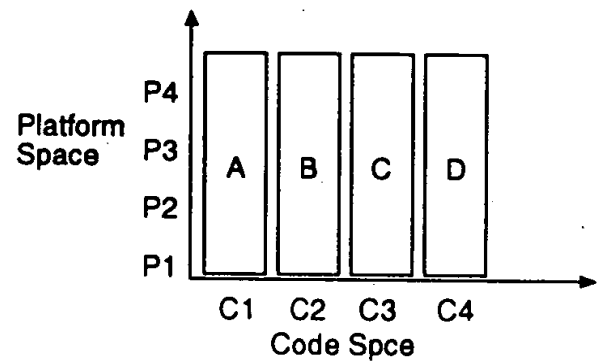


FIG. 12

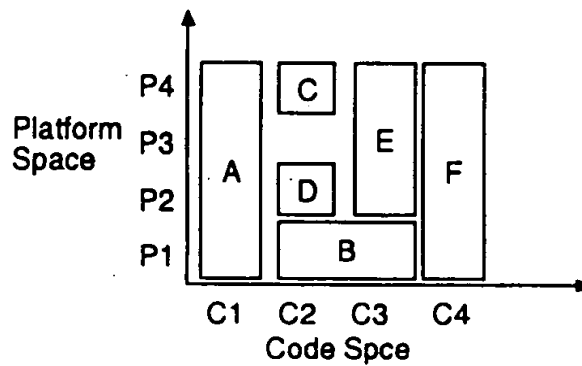


FIG. 13